GRUMMAN
plane news

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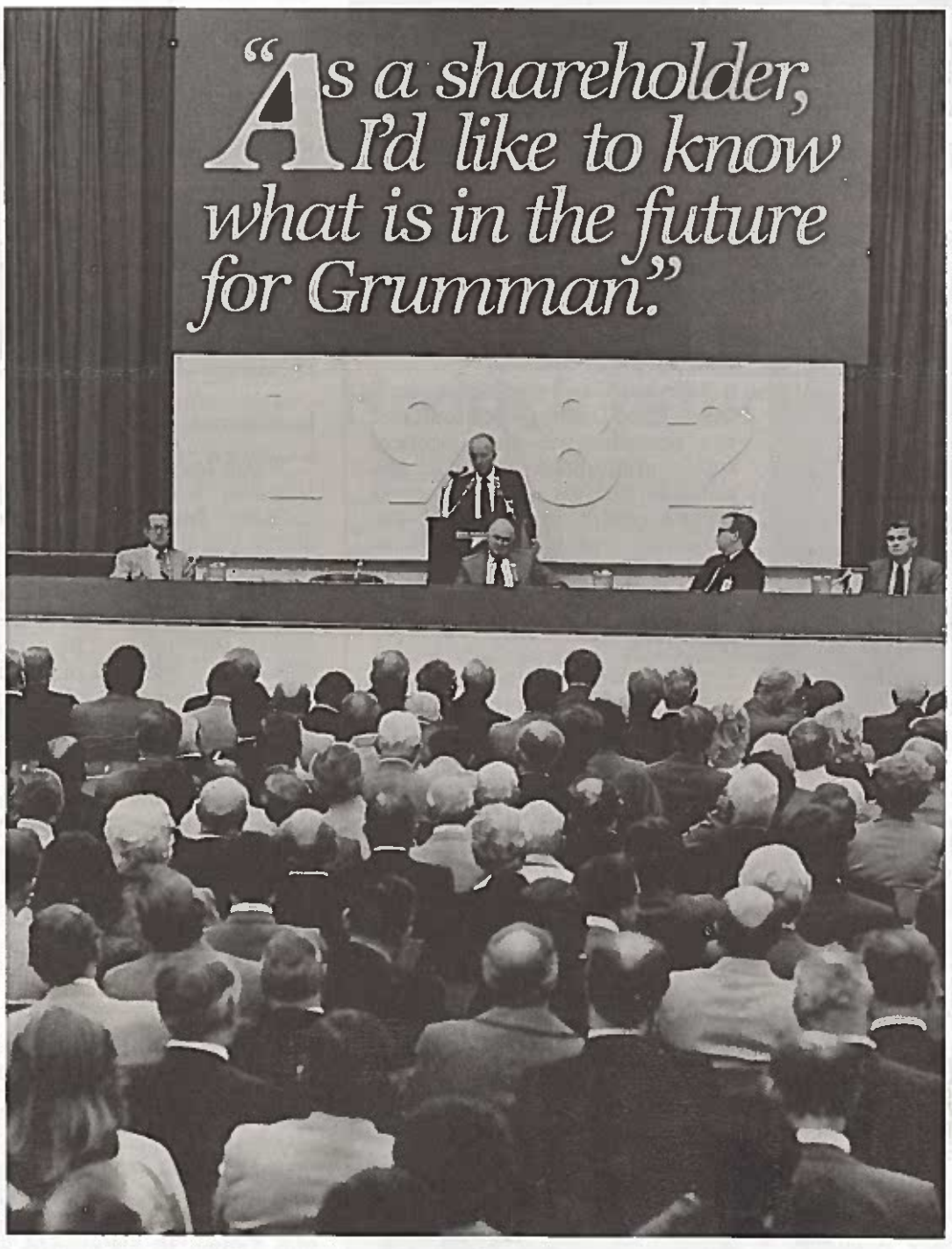


Future looks brighter in '82 - pg.6

Aerospace elects four new VPs

Grumman Aerospace President George Skurla announced last week that the Grumman Corporation board of directors has approved the election of four new Aerospace vice presidents: Bruno Caputo, Tom McGrath, Ray Mur, and Dave Walsh.

"The elections reflect the expanding areas of our business interests," said Skurla. "They also express to the outside world the importance of these areas, and our dedication to future business.

"These men are certainly deserving — and their promotions are in keeping with their growing responsibilities."

Bruno Caputo, vice president — Great River Operations, was a project engineer in the Aerobilt Trailer department when he came to Grumman in 1958.

He became the assistant program manager for handling and transportation of the Lunar Module in 1963, and followed the program to Kennedy Space Center in Florida in 1965.

In 1973, Caputo was called out to Calverton to help resolve F-14 delivery problems; the following year he was named assistant to Aerospace President George Skurla. He was assigned to Great River Operations as general manager in 1977.

(Continued on page 3)

Warner praises PAC for its activism

"I commend you for your active role in political affairs," Sen. John Warner (R-Va.) told attendees at the annual Political Action Committee meeting on Wednesday, April 14.

"Unfortunately, many Americans are not exercising their rights as citizens," said Warner. "It's a sad omen when our last three presidents were elected by only 25 percent of the people eligible to vote in this country."

The member of the Senate Armed Services Committee went on to praise the Grumman audience "for dedicating your life to the national defense.

"In our country today, there are sentiments that favor a freeze on nuclear weapons," said Warner, who is chairman of the Subcommittee on Strategic and Theatre Nuclear Forces. "I firmly believe that the President should have the right to negotiate and then freeze."

The Virginia senator then fielded questions from the floor. One PAC member asked if it was likely that the two new naval aircraft carriers would stay in the budget. "I believe that the second carrier is a highly visible target," replied Warner. "I'd give it a 50-50 chance of staying in the budget at this time."

As for the question of big vs. small aircraft carriers, Warner indicated that he favors the large carrier.

He packed 'em in. *Sen. John Warner spoke to over 800 PAC members on April 14 in Plant 4.*

In conclusion, the guest speaker thanked the PAC members for their continued support — and their patience. The freshman senator from Virginia was originally scheduled to address the PAC at 4 o'clock, but was delayed in the Senate. He finally arrived in Bethpage after 5:30.

In the House

While the PAC waited for their guest speaker, they heard from three Congressmen from Long Island: Bill Carney, Greg Carman, and John LeBoutillier. PAC members also had the opportunity to chat with the three congressional representatives during the refreshment period.

During the business portion of the meeting, Bob Watkins, chairman of the PAC steering committee, told fellow members that their PAC was the sixth largest industrial PAC in the country and the third largest aerospace PAC.

Attendees approved a resolution to re-elect two vice chairmen: Dave Walsh, director of Marketing, and John Bohlander, vice president of Grumman Data Systems. PAC members also approved the resolution to re-elect Bill Ryan assistant treasurer.

In response

Walsh then responded to written inquiries from PAC members. A member from Milledgeville asked about conducting simultaneous annual meetings at various Grumman sites off Long Island. "That would be very difficult," said Walsh. "Because the largest percentage of members work on Long Island, we hold the meeting in Bethpage. Videotapes of the annual meeting will be available soon for viewing at all off-Long Island facilities."

Another Grummanite asked if the PAC will consider supporting Bob Bell for Georgia governor. "Yes," replied Walsh. "And we are considering many more candidates up for election this year."

Driving taxes

A young member expressed concern about state and local taxes on Long Island driving young people to other states to seek employment. "PAC has brought this issue to the attention of our representatives," Walsh told the audience of 800. "But the individual making his feelings known to his elected officials is equally powerful."

All members of the Grumman PAC will receive a special annual meeting newsletter in the near future.

Senator receives support from the House

While Sen. John Warner was delayed in the Senate, he received the support of several colleagues from the House.

Three of Long Island's congressmen, Greg Carman, Bill Carney and John LeBoutillier, stood in for the Virginia senator until he arrived from Washington to be guest speaker at the annual PAC meeting.

Carney, whose First Congressional District includes Calverton, was the first to speak. "The people of Long Island are proud of the role Grumman plays in the defense of our country."

One PAC member asked Carney whether Grumman would receive more multi-year contracts. "I can tell you that the Navy and the Department of Defense have expressed their support for this type of program," said Carney. "In the Reagan administration, you will see many more multi-year contracts."

Rep. Bill Carney

Rep. Greg Carman

Carman, whose Third Congressional District includes Bethpage, discussed defense and the budget problems faced by Congress. Referring to the President's comment that the nation's military preparedness isn't what it should be, Carney said, "The Navy budget is going to be one of our top priorities."

Cuts are going to have to be made in unnecessary programs. "Programs that are clearly a waste are simply going to have to stop. The recognized purpose of government is to try and help people, not do them in."

LeBoutillier, who represents the Sixth District, pointed out the contributions that political action committees make to the political process. "The greatest growth object in politics is the corporate political action committee. As members of a PAC, you should realize the power you have in shaping what we do.

"Labor unions," continued LeBoutillier, "spent millions over the years through their own committees. Business should have an equal say."

Though his district doesn't include any Grumman facilities, LeBoutillier knows the company well. His father Thomas, was a Grumman test pilot for many years.

Rep. John LeBoutillier

Bruno Caputo

Tom McGrath

Ray Mur

Dave Walsh

Four vice presidents elected in Aerospace

(Continued from page 1)

Caputo, who studied Civil Engineering at Manhattan College, completed the Executive Management Program at Penn State. He is a member of the American Society of Mechanical Engineers as well as the American Institute of Aeronautics and Astronautics.

Tom McGrath, vice president-Subcontracts and Commercial Products, began his career with Grumman in 1965 in the Support department. He was program business manager of that group before his promotion to manager of the TC-4C Aircraft program.

In 1974, McGrath was appointed vehicle manager of the Shuttle Trainer Aircraft. After completing this assignment, he was named director of the Nacelles and Thrust Reversers program. McGrath was appointed assistant to the president for all program activities in 1977; in 1980 he was named managing director of Subcontracts and Commercial Products.

McGrath holds a bachelor of science degree in Industrial Management from Adelphi University and completed the Program for Management Development at Harvard.

Ray Mur, vice president, Secretary and General Counsel, joined Grumman Aircraft in 1961 as counsel for Purchasing. He became counsel for Contracts in 1963, and was appointed assistant general counsel in 1965.

When Grumman Aerospace was formed in 1969, Mur was elected secretary and appointed general counsel of the new subsidiary. He is also secretary of Grumman Houston and Grumman St. Augustine.

A member of the Bar of New York State and the U.S. Supreme Court, he received his bachelor of laws degree from Harvard Law School, and a master of laws degree from New York University Law School. He also completed the Advanced Management Program at Harvard.

Mur is a member of the Lawyers in the Armed Forces Committee of the American Bar Association, as well as the Federal Bar Association. He also belongs to the Navy League, the Naval Reserve Association, and the Navy-Marine Corps Reserve Lawyers Association.

Dave Walsh, vice president-Marketing, started out in the Flight Test department in 1954. He moved into the sales and marketing area in 1959 and has been involved in the F-111B and F-14 programs.

Walsh was named manager of Navy Aircraft Marketing in 1967, and deputy director for Navy Marketing in 1969. He was appointed director-Marketing in 1975.

A graduate of Paul Smith's College, Walsh completed the Advanced Management Program at Harvard. He is a member of the Navy League, the Association of Naval Aviation, and the Marine Corps Aviation Association.

Walsh has served as vice chairman of Grumman's Political Action Committee since 1980.

Hedrick returns to Grumman board

A lot of people probably thought Ira Grant Hedrick would spend time improving his tennis game when he retired back in April 1980. That has not been the case for this Grummanite who started his career in 1943 as a stress analyst.

Last Thursday, April 15, Grumman shareholders elected Hedrick to the board of directors for a three-year term.

Recognized worldwide for his expertise in structural analysis and design, Hedrick previously served on the board from 1976 until 1980. The company retained him as a senior management consultant. At the time of his retirement, Hedrick also served on the Grumman Aerospace board and was a senior vice president.

Grant Hedrick

During 1980 and 1981, instead of serving aces, Hedrick found himself serving as a member of a New York Metropolitan Transit Authority's special engineering panel. The three-person panel was responsible for approving the reinforcement program for the Grumman Flxible buses.

Because his two colleagues on the engineering panel were college professors, Hedrick met with the panel on Saturdays. "It was a busy, but very interesting and rewarding time," recalls Hedrick.

He is quick to point out that scores of Grummanites at Aerospace and Flxible put a lot of time and effort into making the reinforcement program a strong, successful one.

"That's how he is," says a former staff member. "He is modest. He sets high standards for himself, and at the same time has the knack of instilling in people that same desire to strive for excellence.

"Grant Hedrick possesses a sixth sense when it comes to solving technical problems; he rapidly grasps the situation, even if it involves disciplines outside his specialties."

As Grumman Corporation noted in its proxy statement, "Mr. Hedrick brings to the deliberations of the Board the stature of an eminent technologist."

Members of the board of directors aren't the only ones interested in tapping Hedrick's talent. He also serves on the Scientific Advisory Board of the U.S. Air Force. NASA enlisted Hedrick to serve on its Aeronautics Advisory Committee and its Aerospace Safety Advisory Panel. In addition, he is a consultant to the Department of Energy's Fusion Power Coordinating Committee.

Grumman Aerospace also draws upon Hedrick's extensive technical experience; he has been presidential assistant for Corporate Technology since 1975.

In spite of his hectic work schedule, Hedrick hopes to get back to the tennis courts soon. He admits that his tennis game has suffered. "Last year, the tennis group I've been playing with for years broke up. But I plan to start practicing again. You know, even Bjorn Borg is having trouble getting his game back. You have to practice to be good."

S. Genna

R. Franke

R. Baughan

J. Armitage

R. Salg

F. Tucholski

T. Mutschler

J. Reid

C. Ehrhardt

service milestones

40

Rudolph G. Milko, Prototype (2)
Emil E. Donolli, Prod. Avionics-M/S (2)
Howard T. Tripp, Prod. Cntl-Parts Cntrl. (2)
Anthony J. Schumacher, Det. Pts. Plnng. (2)
William H. Wandelt, Spotweld (3)
Stanley J. Hauser, Trans-Ops. (7)
William F. Smatlak, Q.C. Lab. (10)
Joseph R. Cherry, Site Mgt. (94)

35

Mario Geremia, Steel Parts Assy. (2)

30

Harold E. Wilson, Prototype (1)
Alvin G. Beyerlein, Prod. Superv. (1)
George F. Reinhardt, R.C. M/S (1)
Albert D. Bornschein, Alodine (2)
John Gatti, Tanks & Ducts (2)
Frederick P. Kreskowski, Sub-Assy Major (2)
Erminio J. Pilla, Mech. Struct & Proto. (2)
Salvatore Assenza, Hull Assy. (2)
Frank Sautkulis, Final Assy. (2)
Samuel C. Martin, Prod. Superv. (2)
Warren G. Frevert Jr., Mach. Shop (2)
Nicholas J. Micciche, Tool Cntrl. (2)
Joel Jackson, Maint-Facil Equip & Gen-Sub. (2)
George F. Striffler, Convent. Machs. (3)
Walter Farrow, Convent. Machs. (3)
Raymond A. Cobb, Assemblies (3)
David P. Fitzgerald, Wing Final Assy. (3)
Michael Greggo, Honeycomb Prefit (3)
Richard R. Seleska, Honeycomb Prep. (3)
Theodore P. Pupilla, Prod. Superv. (3)
William J. Duggan, Mgmt & Control (3)
Daniel O. Schmidt, Final Assy. Struct. (4)
Ernest Hauser, Insp-Mech. (4)
Henry A. Roskoski, Prod. Cntl-Parts Cntrl. (5)
Paul V. McDermott, Field Ops Servs. (5)
Henry W. Frenke, Corp. Sys. (5)
Stanley H. Wojciechowski, Fluids (6)
Alphonse Schiavoni, Elect. Install. (6)
Theodore A. Petters, Elect. Install. (6)
Bert C. Blair, Structures (6)
John J. Ege, Matl. Coord. (6)
Edward W. Downs, Matl. Handl/Stor. (6)
Andrew J. Paino, Flight Ops (7)
Paul Schlie, Air Traffic & Radio Comm. (7)
Herbert R. Winkler, Plastic/Plaster Tooling (11)
James S. Cooper, Templates (11)
Gerald J. Eich, Maint-Rearrangement (14)
Joseph J. O'Connor, Shipping Inspect. (17)
John Czarniecki, Matl. Shortage Cntl. (24)
Anthony T. Spinelli, Operations (25)
Stanley J. Zadroga, Research (26)
Vincent Iannacone, Subcontractor Surveil. (30)
Michael Lynch, Supplier Plnng & Cntl. (30)
Henry C. Kline, ILS Prod. Supp. Mgmt. (35)
John F. Budney, Admin. Serv. M/S (35)
Oscar N. McDowell, Tech. Reqts. (40)
Theodore C. Johnson, Struct. Anal. (40)
Joseph R. DeLucia, Mech. Detail & Fin. (43)
Bernard Kasper, Mech. Detail & Fin. (43)
Richard J. Karch, Elect. Box Pan & Draw Fab. (43)
George W. Moseman, Elect. Harn Fab. (44)
George Adesso, Prod. Supv. (44)
Anthony R. Carioli, Matl. Cntrl. (66)
Edward W. Deane, Cammacorp Pylons (77)
William-T. Hardern, Prod. M/S & Shop (77)
Joseph N. Thornton, Quality Cntrl. (77)
Robert B. Ludwig, Stuart Tool Eng. (77)
Donald Gavora, Supp. Syst. (94)

25

Salvatore A. Genna, Fuselage Joining (1)
Richard E. Franke, Join & Mid. Mod. Install. (1)
Richard E. Baughan, Final Assy. (1)
Eileen Bukovics, PPO-F-14 (1)
John Armitage, Prog. Qual. Mgt. (1)
Robert Salg, FinalAssy. (2)
Ralph Hanus, EBW-Final Assy. (2)
Frank Tucholski, Matl. Offsite Support Cnt. (2)
Thomas J. Mutschler, Indust. Eng. (2)
Joan J. Reid, M & ME M/S (2)
Charles J. Ehrhardt, Composites & Adhesives (2)

V. Casano

C. Giannetto

D. Polofsky

B. Lorelli

M. Liebman

W. Wagner

J. Mullen

J. Rivara

M. Hutter

J. German

Henry K. Wuepper, Insp-Mech. (2)
Henry Bernert Jr., Honeycomb Core Details (3)
Anthony Nigro, Honeycomb Prep. (3)
David S. Goodman, Controls & Mech. (5)
Edward L. Harrigan Jr., Crew Syst/Equip. Integ. (5)
Clifford A. Hoelzer, Propulsion Sys. (5)
John T. Raguse, Structures (6)
James M. Purtee, Plastic/Plaster Tooling (11)
John J. Mooney, Lab. Mgmt & Tech. (14)
George J. Eberhardt, Trans-Ops. (20)
Robert O'Donnell, Config. Data Mgmt. (25)
Doris McGrath, Inventory Plan & Anal. (30)
Vincent Casano, Est. Resources (30)

(Continued on next page)

H. Wuepper

H. Bernert, Jr.

D. Goodman

C. Hoelzer

J. Raguse

J. Purtee

J. Mooney

G. Eberhardt

R. O'Donnell

milestones

(Continued from page 4)

Charles Giannetto, Traj/Navig & Guid. Anal. (35)
Daniel Polofsky, Software Sys. Ops. (35)
Barbara N. Lorelli, Ops. Qual. Mgmt. Sys. (35)
Frances T. Mills, Career Education & Dev. (39)
Martin Leibman, PPO-A6 & EW Prog. (40)
William H. Wagner, Facilities (77)
Edward R. Johnson, Qual. Cntrl. (88)
Joseph Mullen, Payroll (111)
Michael J. Hutter, Washington Office (50)
Joseph E. German, Prog. Mgmt. (86)

20

Stanley J. Pajak, Cust. Supply Reqt. Mgt. (1)
Charles E. Matthews, Tech. Reqts. (1)
Henry A. Womble, Electromech. Des. (1)
Anna K. McCormick, Config. Data Mgmt. (1)
Charles J. Benedict, Mech. Struct & Proto. (2)
Jean Goetz Haddad, Mfg. Estimates Adv. Prj. (2)
James L. McKey, Die Shop (2)
James J. Taxter Jr., Mech. Process Eng. (2)
George S. Sarinick, Optical Tooling (2)
Alexis A. Piacentini, Press (3)
Charles W. Ruth, Convent. Machs. (3)
William J. Mannix, Assemblies (3)
Edward F. Martin, Stockrooms (3)
John Oliver, Trans-Ops. (3)
John R. Delaney, Elect. Test (4)
Samuel W. Fuller, Maint-Facil. Equip & Gen-Sub. (4)
Robert E. MacLeod, Training Sys. Progs. (4)
Sanford M. Cines, Training Sys. Progs. (4)
Edwin W. Iraggi, Avionics Test (5)
Albert Trabold Jr., ILS Eng. Mgmt. (5)
Alexander R. Salzmann, Adv. Syst. Tech. M/S (5)
Stephen Weinberg, Corp. Contracts (5)
James R. Venero, Maint-Rearrangement (6)
Thomas Seman, Elect. Install. (6)
William McSteen, Final Assy. Insp. (6)
Joseph R. Tagliavia, Calverton Ops M/S (6)
Arnold E. St. Jean, ILS Auto Circuit Analysis (7)
Gilbert R. Lester, RF Equip. Prod. Supp. (7)
Fred W. Gsell, Flt. Avionics (8)
Henry E. Auwarter, Structs. Analysis (9)
Charles A. Riiska Jr., Maint. Admin. (12)
Natale F. Sales, Maint. Indust. Cntrl. (12)
James E. McNulty, Elect. Test (14)
Pasquale Aronna, ILS Tech. Illus. (15)
Walter H. Lubbe, Centr. Ship. Cntrl. (17)
Maxim R. Bernardis, Centr. Ship. Pack. (17)
Joseph B. Nemec, Centr. Ship. Handl. (17)
Phinizy West, Trans-Ops. (20)
Daniel F. Pierce, Prog. Matl. Mgmt. (25)
Anthony Pulvirenti, ILS Tech. Directives (25)
Isabella L. Vnook, Invent. Rel & Cntrl. (30)
Anthony J. Pepitone, Subcontractor Surveil. (30)
Seymour J. Baldel, Cust. Supply Reqts. Mgt. (30)
Albert F. Zoitke, Commun. Admin & Staff (30)

(Continued on page 10)

people

Weather or not

Would you like to know how to make it in television? Ask Norm Dvoskin.

"I was watching the news program on Channel 67 one night. They didn't have anyone doing the weather.

"Well, I was looking to do something different and so I called the station," he says.

He asked for the chance to become their weatherman. They gave him the job.

Don't misunderstand. Dvoskin definitely has the credentials. He holds a master's degree in meteorology from New York University, is a member and past president of the American Meteorological Society's New York City branch and a member of the A.I.A.A. Technical Committee on Atmospheric Environment.

He's been with Grumman for 22 years. As a senior analyst in the Operations Analysis department he studies the effects of weather, oceans, terrain and other aspects of the environment on present and future Grumman products.

And on Mondays and Fridays you can catch him on the seven o'clock news show "Long Island Newswatch."

His first show was on January 15. "I sat in my car for about 20 minutes practicing over and over again what I had to say." He says that he spends from one to two hours preparing for his minute or more before the cameras. All his forecasts, and all other spots on the show, are geared to the needs of Long Island residents.

His kids, he says, are his toughest critics. "Especially my two daughters. They tell me if I miss a word or if I move my head the wrong way."

They, like everyone else, want him to succeed. A friend gave him a tee-shirt. It has a big lightning bolt on it and reads "Norm Storm." He's got license plates that read "4-Cast." To help himself with his delivery he joined the Grumman Toastmasters.

Perhaps the most useful present he's gotten came from his son. It's the line he uses to end the show. "I hope the sun shines your way."

On camera. *Norm Dvoskin of Plant 5 can be seen every Monday and Friday on Channel 67's 7 o'clock news show; he's the weatherman.*

An ode to Ada

Even though she lived over a century ago, "Ada" will be very important around the aerospace industry, according to Charles Mooney of Pl. 35.

Ada, Mooney says, was Adelaide Lovelace, the daughter of English poet Lord Byron. But she has her own claim to fame, at least among computer scientists. Ada was the first programmer. She wrote a program for a mechanical computer designed by English mathematician Charles Babbage. Babbage's machine was never built, and Ada's program never tried, because the machine's design was too advanced for gear-making skills of the middle 1800's.

But Ada's legacy lives on in the form of a new standard programming language named for her that the military plans to use in all future weapons systems. According to Mooney, this one universal language will help reduce the cost of software — computer programs — for weapons systems and increase their reliability. The Ada language, he says, is now on paper and the first computer is being built for it. Mooney, the group head of Software Systems, and about 20 others representing companies in the U.S. and Europe, are members of an industrial advisory board to a new Department of Defense agency called the Ada Joint Program Office.

Charles Mooney

Grumman was one of the companies chosen from some 80 applicants for the spots on the committee. As Grumman's representative, Mooney will spend about four months out of the year working with the committee. He's been involved with Grumman's Ada-related programs since 1979 and has taught the language for the Career Education and Development program.

Gavin tells shareholders:

'81 was a year of test

Grumman's first quarter income will exceed the $5.4 million or 39 cents a share earnings reported in the first quarter of 1981, Grumman Corporation President Joe Gavin told shareholders at the April 15 annual meeting.

The 800 people gathered in Plant 4 also heard that Grumman was continuing its 35 cent a share dividend on common stock for the first quarter of the year.

Gavin noted that while losses continue at Flxible and the truck body and yacht businesses continue to be adversely affected by high interest rates and the recession, Aerospace's performance remains strong. Data Systems continues profitably after a good 1981, he added.

Addressing current moves in the government to cut back spending on military hardware, Gavin said he believes Aerospace's major programs are secure.

"Grumman aircraft and Grumman advanced technical programs are solidly founded on superior technology. They should be able to stand up under whatever scrutiny the sorting out of priorities will require," he said.

Dormavac stopped

Gavin announced the board of directors' decision to terminate its Dormavac activity.

"This product is now a proven technical success, but recent market assessment has convinced us that it does not represent a promising future business for Grumman," said Gavin.

"1981 was a year of test for Grumman,"

'1981 tested our commitment to quality in every product we build.'

Gavin said. "It tested our commitment to quality in every product we build. It tested the personal commitment of all the people who make up the Grumman Corporation -- employees and shareholders all over the country."

He noted that the two major crises of 1981 were rebuilding the Flxible bus, and defending against the takeover attempt -- and that the company had weathered both crises.

"The improved Flxible buses are establishing operational records that are equal to or better than their competitors," said Gavin.

But the immediate business outlook for Grumman Flxible is not bright, he commented.

"The market for new buses is in sharp recession as a result of this administration's decision to reduce operating subsidies. In the longer term, there is simply no practical alternative to urban bus service, and America's urban bus fleets are rapidly wearing out. The market for new buses will recover and Grumman Flxible will be in a strong position to grow with that market.

All out team effort

"We called on all the resources of the corporation to deal with the bus problem. The engineering and manufacturing experience of the aerospace company proved to be invaluable. I don't think many other companies could have done what we have done.

"We also called on all the resources of the company to defeat the takeover attempt," Gavin continued. "The response was what I expected. But I have spent all my working life among Grumman people. I can tell you that people outside the company were amazed. I think you have to be a part of Grumman to understand it."

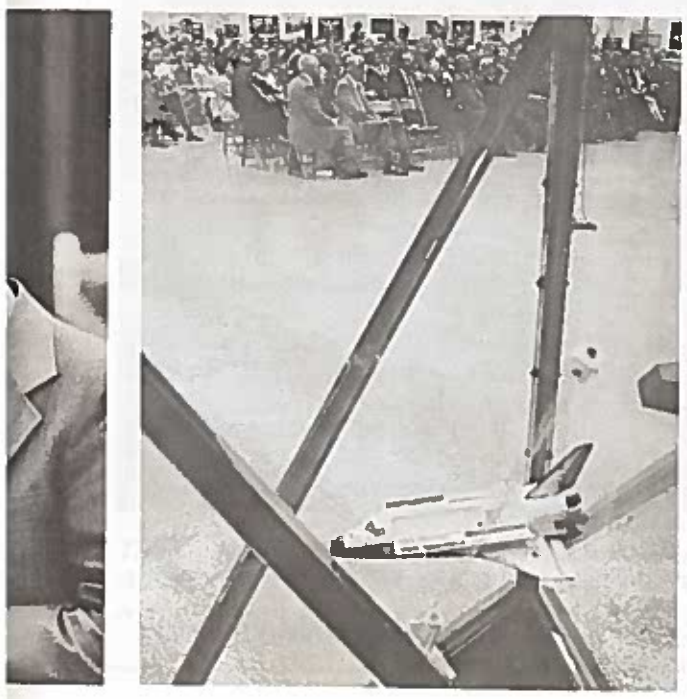
The ayes have it

In the business portion of the meeting, the shareholders approved several resolutions.

The first resolution was the election of four directors. They are: John Carr, vice chairman of the Board of Directors; Grant Hedrick, engineering consultant; James Linen, chairman of Linen, Fortinberry & Associates; and Ellis Phillips, Jr., president of Ellis Phillips Foundation.

The shareholders also approved an increase in the number of shares of common stock the corporation is authorized to issue from 20 million to 30 million; an increase of 450,000 shares in the number of shares of common stock available for options under the 1981 Restricted Stock Award Plan; and an increase of 500,000 shares in the number of shares of common stock available for options under the 1981 Stock Option Plan.

Finally, the shareholders approved the continued employment of Arthur Andersen as independent certified public accountants for the corporation.



Takeovers and dividends

"As a shareholder, I'd like to know what is in the future for Grumman."

A large blue and white sign with that quote from the 1981 annual report formed the backdrop for the stage — and also provided the theme — for the 1982 meeting of Grumman shareholders. The business portion of the meeting and an overview by Grumman President Joe Gavin were followed by a spirited question and answer period.

'I do not believe a takeover attempt could succeed without the approval of the Grumman people.'

Is Grumman vulnerable to another takeover attempt?

Grumman Chairman Jack Bierwirth answered that if another offer were made, the board would consider it and render its decision. "If the offer were deemed hostile or undesirable and the Grumman people agreed, then it is within the power of the Grumman people to turn the offer down," said Bierwirth.

"A substantial amount of the stock is held by Grummanites and by people who are affiliated with the company in some way. I do not believe a takeover attempt could succeed without the approval of Grumman people.

In the past five years, over $200 million has been lost in commercial ventures while the compensation of the top executives has risen. When is it your shareholders' turn?

Bierwirth pointed out that stock dividends have risen for seven out of the past eight years. "There's more involved in running a company than just the bottom line," he said. "And there are a lot of things you can do to increase your profits if you don't care about certain responsibilities.

"There's a responsibility to make good products — and to have products worth making. You have to price them fairly. The people who work for the company have to

be treated right, and so do the people in the community. I have no question that Grumman honors those responsibilities, as well as our responsibilities to the defense of this country.

"I hope that when we are through, the company will be the better for it, the country will be the better for it, — and that the shareholders will be well compensated."

One shareholder stood up, not with a question but with a statement: "Everyone in Grumman Aerospace has done a tremendous job and they deserve a round of applause."

When the applause died down, Aerospace President George Skurla took the microphone and noted, "That was not a paid announcement."

Grumman scholarships

Introducing the class of '82...

Twelve more names have been added to an elite group of students: the Grumman Science and Engineering scholars.

Five of the 1982 winners are children of Grummanites, as are three of the five alternates. This year, 387 students applied for the grants; 89 Grumman dependents and 298 students from high schools all over Long Island.

The Grumman program is one of the largest industrial scholarship programs in the nation. Winning students receive up to $4,000 a year — up from $3,500 last year — for tuition expenses.

"It isn't easy choosing the winners," says Senior Vice President-Technical Operations Larry Mead. "But the caliber of the applicants is so high, you can hardly go wrong with any of them. They're a fine group."

Mead is chairman of the Recommendation Committee, which interviews the top 48 candidates for the scholarships.

All of the applicants are excellent students in the top 20 percent of their classes. What makes a winner?

"We look for applicants who are likely to make a career in aerospace engineering or one of the related fields." says Mead.

"We also want to know that they have a broad range of interests; that they take leadership positions, and get involved in extracurricular activities."

Mead and the other members of the committee interview the finalists over a two-day period. The committee members are: Renso Caporali, vice president - Advanced Technology Development; Bob Fitzpatrick, director of Quality and Safety - Grumman Corporation; Dan Knowles, vice president - Personnel and Administration; Erwin McCalla, director of Engineering Test Operations; and Bill Rizzardi, vice president - Development, Grumman Data Systems.

In addition to the financial assistance, the scholarship also includes the promise of summer employment at Grumman, and a job offer after graduation if an appropriate position is available.

Here are the winners chosen in this year's competition:

Pamela Dante

The Dante family. (From L) Jacqueline, Christopher, scholar Pamela, and Jim live in Oakdale, Long Island. Their home is near the water and sailing is one of their favorite pastimes.

"Guess what, Dad — I won!"
As soon as she got the word from the principal of her high school, Pamela Dante ran to the phone to tell her father Jim the good news: she had been named a Grumman scholar.

After graduation from Connetquot High School, Pamela plans to study electrical engineering and computer science at Brown University.

When she heads for college she'll be taking quite a record with her. She was her class representative to the Penn State scholars program and the winner of her school's computer award. She also attended a Board of Cooperative Educational Services (BOCES) II summer institute in game theory.

Pamela is a Mathlete and athlete (she plays varsity tennis). She also plays flute and bassoon in the school's concert and marching bands and enjoys sailing the family's boat. Her father works in Plant 1 as an F-14 Avionics project leader.

The Sachleben family. *Mark is the youngest of Jack and Alice's three children. Lois is a freshman at Cornell and John is in flight training at Pensacola Naval Air Station. The Sachlebens live in Huntington, Long Island.*

Mark Sachleben

Mark Sachleben kept his family in suspense about his Grumman scholarship.

"It was some time after he came home from school that he told his mother," says Mark's dad, Jack Sachleben. Jack is an assistant to the president of Grumman Data Systems.

Mark is waiting to hear from Dartmouth, although he has already been accepted by the U.S. Military Academy at West Point. He has been sought by the soccer coaches of both schools.

Mark is captain of Walt Whitman High School's varsity soccer team, runs on the track team, and has played with a Long Island soccer team in Germany. Mark has also been a counselor for the Huntington, Long Island, recreation program.

Number 12 in his class, Mark is a member of the Mathletes and the French and Latin honor societies. He also works on the school newspaper.

Mark is interested in vehicle design. He recently bought the plans for and built an eight-foot hydroplane sport boat.

The Gillin family. *Virginia (C) will be the fifth of Ann and Joe Gillin's children to attend college. With them here in their Hauppauge home are Joe (L) and John. They have three other children: Paul, Tom, and Ann.*

Virginia Gillin

Virginia Gillin will start classes at Rensselaer this fall to study mechanical engineering. A National Merit Scholarship semi-finalist, Virginia is involved in a range of activities at Hauppauge High School. She's been a member of the Honor Society, the math team, the science fiction club and the ushers club. She belongs to the school's marching band as well, and she plays the flute, oboe and piccolo.

After school she holds a part-time job as an assembly assistant for a computer and microprocessor circuit board manufacturer.

Her father, Joe Gillin, has been with Grumman for 18 years. He is a software engineer at Plant 7 in Calverton.

Neil Erath

Neil Erath is the type of young man who just may build a better electronic mousetrap.

This Seaford High School senior, the son of Research group head Bob Erath, made his own meters, using light emitting diodes, to replace the sluggish VU meters on his tape deck. In fact, he builds much of his own audio equipment from scratch and fashions signal circuits and electric controls for his dad's model railroad system.

But electronics isn't just his hobby — Neil plans to make it his career. He will study electrical engineering at the alma mater of his father and grandfather, Polytechnic Institute of New York (though it was Brooklyn Poly in their day). His brother Paul now attends the school on a Grumman Masters Fellowship.

Neil plays first trumpet in his high school's orchestra, is a member of the chorus, drama club and math club. He also enjoys bicycling.

The Erath family. *Evelyn and Bob (R) live in Seaford, Long Island, with their scholarship winning son Neil (L). They have three other children: Janice, Kurt, and Paul.*

The Russo family. *Laura, James, scholar Anthony, Ann Marie and Albert (L-R) live in Hauppauge, Long Island. They are a family of runners — but Anthony is also interested in bicycling.*

Anthony Russo

Even though Anthony Russo's father, Albert, has a strong mathematics background himself, Anthony has been teaching him a few things about the subject. Anthony has been involved in Columbia University's advanced math program since the seventh grade. The Hauppauge High School senior, who will be graduating third in his class, plans to major in applied mathematics at Johns Hopkins University.

Anthony has also done well on the athletic field. He is captain of both his baseball and track teams and received the school's scholar/athlete award.

His favorite sport is cycling and he plans to do some racing when the baseball season is over. He'll be entering this year's 24 hour race in New York City's Central Park. His family will set up camp in the park to cheer him on.

Anthony works part-time in a bicycle store. He's also worked a few jobs as a wedding photographer and has done some photographic work for his school.

His dad is EF-111/EA-6B engineering manager in Plant 7 at Calverton.

David Allen

Joyce Drayton

Roger Hain

Brian Harris

Carey Herman

Christopher Horan

Ralph Spicer

Dozen win '82 Grumman grants

Seven of the 12 scholars won this year through the open competition for all Long Island seniors. Who are these super seven?

David Allen, the valedictorian of the Class of '82 at Westbury High School, will head for Massachusetts Institute of Technology or Rensselaer Polytechnic Institute. David was a National Merit Scholarship semifinalist and belongs to the National Honor Society.

Computers are his major interest. He writes programs for his own computer, and is the president of Westbury High's computer club. He also helped resurrect the school's newspaper and is now its editor. David helped start up the debate team, is president of the debating club, and manager of the yearbook business staff.

Roger Hain plans to attend Princeton or Rensselaer to study aeronautical engineering, a subject he's been interested in since 10th grade. He satisfied his curiosity then by writing to NASA and reading about flight and space travel. Now his interest in the subject continues through his hobbies: model rocketry, astronomy, and science fiction.

But Roger has a few down-to-earth interests as well. He's active in the Boy Scouts as a Life Scout and assistant senior patrol leader. He plays the piano and has a newspaper route.

Roger will graduate number five in his class at Half Hollow Hills High School West in Dix Hills.

Brian Harris will be missed when he graduates from Westhampton Beach High School where his skill in computer programming has been put to good use. He wrote a program for the final examination schedule and even teaches some of the teachers about computers.

He developed some of his programming skills during a Board of Cooperative Educational Services (BOCES) summer program and through an internship at Rensselaer. Brian has since written and marketed several programs, including a "Star Trek II" game. He also teaches an adult education course.

Brian enjoys creative writing and works on the school yearbook.

Carey Herman will be heading to Cornell or to the Massachusetts Institute of Technology to study electrical engineering when he leaves Port Washington's Paul D. Schreiber High School.

Carey built a high resolution graphics card and digital-to-analog converter for his own computer. He also has a part-time job building electronic subassemblies and custom electronic circuit boards.

The 1982 Grumman scholars will receive up to $4,000 a year for tuition expenses.

He recently designed a microcomputer-based home energy conservation system and is trying to get funding for it.

Carey has been technical director for the school's television and stage crews and is the audiovisual technician for the library. He's even produced some films for the Navy Reserves.

Christopher Horan is planning a career in electrical engineering and will study at Massachusetts Institute of Technology, Princeton, or Rensselaer this fall.

He has been involved in a wide range of activities during his years at Walt Whitman High School in Huntington. These include the Mathletes and the golf team (he was captain of both), the amateur radio club and the German honor society. In addition, a play he wrote took first place in a competition.

When he's not attending one of his club meetings or playing golf or working 20 hours a week, he works on his own projects in the school's electronic shop.

Ralph Spicer works in a gas station from five to seven every morning; he also works there three nights a week.

Part of the money he has earned is for his education. He plans to major in electronics at Stevens Institute of Technology after graduation from Smithtown High School West.

Ralph took all the electronics courses his high school offered and put what he learned to good use. Among the projects he's completed is a stereo system he built for himself.

He was elected to the class council and served as the council's secretary and treasurer. Ralph is also a member of the Math Club and the Italian honor society.

Joyce Drayton's interests run from music to mechanical engineering. She'll be heading back to Massachusetts Institute of Technology this fall (where she took a number of technical courses last summer) to major in physics and mechanical engineering. Joyce, who received a National Merit commendation as an outstanding black student, will graduate from West Hempstead High School.

Joyce is active in many school and community organizations.

She is the concert mistress of the school's pit and symphonic orchestras, tutorial chairman of the Honor Society, and editor of the math magazine. She belongs to the math club, the chess club, and the tennis team.

In addition to her school activities, Joyce has been a Sunday school teacher, played piano for her church's youth choir and given hundreds of hours as a volunteer at Mercy Hospital.

Alternates

Should any of the twelve winners decline a Grumman scholarship, four alternates have been chosen who then would be eligible for scholarships. They are: **Michael Bergman**, whose dad Richard is a senior engineer in ILS. Michael will choose Columbia, Cornell or Princeton. He'll be graduating from Wantagh High School. **Margaret Burke** will study engineering at Massachusetts Institute of Technology. Her father is Henry Burke, a group leader in the EA-6B program at Calverton. Her sister Cathy won a Grumman scholarship in 1979. Margaret attends Patchogue-Medford High School. **David Natter** is a student at Hericks High School in New Hyde Park. He will be attending either Cornell or the University of Pennsylvania. **Mark Wolf** will also be heading for Massachusetts Institute of Technology this fall. He is graduating from Walt Whitman High School in Huntington Station. His father Henry is assistant director of the Environmental Planning and Control program.

service milestones

(Continued from page 5)

Lucy A. Matthews, Matls. Accounting (30)
Dan L. Burford, Legal (30)
Martin Kesselman, Research Tech Supp & Ops. (35)
William C. Pennington, Instruct/Anal. (39)
Robert T. Leahy, Illus & Prod. (39)
Edward D. Minasian, ILS RF/Servo/Elec TPS Eng. (40)
William E. Diercks, ILS Digital TPS Eng. (40)
George W. Wadkinson Jr., ILS Mec. Equip. Eng. (40)
John F. Fogarty, ILS Auto Circuit Anal. (40)
Melvin Schreiber, Equip. Therm. Design (40)
William E. Egner Jr., P.M. EF-111 (40)
Robert R. Ferris, SPC Prototype-Temp. (43)
Robert Helmer Jr., Prod. Supv. (43)
Wesley C. Davis, Invent. Mgt. (44)
Morris V. Duffner, ILS Elect. Pack. (47)
Fred Tabick, ILS Equip. Des. Eng. (47)
Joseph J. Galia, Operations (47)
Frank W. Schaeffer, Tech. Ops. (77)
Leonadis J. Dutil Jr., MFG EST/Budgets/ Ind. Eng. (77)
Harry W. Wilson, ILS Tech. Writ. (80)
Nicholas DiLeone, Software Supp. (82)
George E. Newman, Base Mgmt. (88)
John J. Metzger, Engineering (88)
Frank A. Shanley Jr., Engineering (88)
Salvatore Panico, Engineering (88)

●

Due to space limitations, the 15-year anniversarians will be listed in the next edition of Plane News.

Tomcats claw Fairchild; claim L.I. hoop crown

If you think the NCAA playoffs were exciting, you should have seen the Grumman varsity basketball team scratch and claw through a remarkable playoff to win the Long Island Industrial basketball championship.

"These games were so incredibly frantic," says coach Russ Goss, "I had about 12 heart attacks."

Understandably so, as Grumman scored only six more points than Fairchild Republic of Farmingdale, in winning the last two games of the three-game series.

Fairchild won the first game 95-92. Grumman saw hope disappearing in the second as Fairchild took the lead with little more than a minute to go — thanks to a full court press.

"We had called a time out and changed some things just before they scored their last bucket," says Goss. Grumman went from a zone defense to a man-to-man, and Julius Longshore kept getting his team through the opponent's press. "We got a little more aggressive, stole a few balls and scored the next eight points," says Goss.

The 86-79 Grumman victory was the most one-sided final score of the playoffs. With the series even at 1-1, the stage was set for the final championship game. Recalls coach Ron Knight, "Russ is usually one of the cool guys and he wasn't too cool that night."

Fairchild had a seven point lead at the half, but Grumman turned it around in the third quarter and went into the final period with a six-point advantage.

Courtly gesture

The Grumman opponents reverted back to their successful full court press and recaptured the lead with 13 seconds to go. "We made a key substitution," says Knight. "We put in Terry Mitchell for Paul Knoph who had hurt his knee."

Team with heart. *They needed it to survive the heart-stopping, down-to-the-wire finals. The champs are: (L to R, front) Larry Bates, Nate Kelly, Pat Weber, Columbus Poole, coach Ron Knight; (middle) Terry Mitchell, Glenn Nichols, Jim Loeffler, Paul Knoph; (rear) Jerry Grace, Fornd Farmer, Julius Longshore, coach Russ Goss. Not present were: Joe Foley, Bob Dingle, Bill Dalessandro, and Steve Pabst.*

Tournament MVP Larry Bates got the ball, shot and missed, but was fouled. Though down three points, Knight and Goss decided to let Bates try to sink both one-pointers. Bates sunk the first but missed the second. Here, Mitchell did his job. He grabbed the rebound and scored, putting the game into overtime.

The lead kept changing hands in overtime. With 13 seconds left, Fairchild had a two point advantage and was taking the ball out of bounds. Grumman was pressing. The Fairchild player was looking, looking for an open man. There was none. He called time out.

That was a mistake. Fairchild had used their last timeout just before regulation time ended. Up went the refs hand with a technical foul against Fairchild. Pat Weber sunk the free throw and Grumman, by getting the ball along with the foul shot, had a chance.

They got the ball to Columbus Poole. He scored.

With that basket and a foul shot, Grumman won 112-110.

Spring flowers bloom May 11

The annual Grumman Garden Forum Spring Show is slated for Tuesday, May 11, in the Plant 30 cafeteria.

All Grummanites and retirees are invited to enter this flower show. Entries must be delivered to the Plant 30 cafeteria no later than 8:45 a.m. on the day of the event.

You don't have to enter the competition: if you'd just like to show off your efforts, an "exhibit only" table will be available.

Categories include a variety of spring flora; a brochure is now available at your Employee Services (ES) office.

For more information, call the show manager, Lillian Fink, Ext. 9531; or Forum director, Amy Blackwell, Ext. 6480.

Don't forget to pass your buck

There are only six days left to purchase your entry ticket into the wide world of Grumman Recreation. The annual membership drive ends next Friday, April 30. If you haven't purchased your membership card, now is the time to do it. You get a lot for only one buck.

Here are just a few of the many Grumman Recreation activities available to you and your family:

Ice Hockey
Theo Monahos
Ext. 5769

Martial Arts
Tony Ortiz
Ext. 4764

Motorcyclists
Robert Coutieri
Ext. 4828
Joe Bertolino
Ext. 117-6619

Karate
Tony Ortiz
Ext. 4764

Krystal Krackers (CB)
Harvis Keahey
Ext. 2614

Model Aviation
George Myers
Ext. 6781

Rod & Gun
Gordon Woodruff
Ext. 9079

Roller Hockey
Arnie Pritchett
Ext. 132-5113

Model Railroad
Ray Muntz
Ext. 8896

Photography
Randy Sablich
Ext. 115-8332

Scuba Divers
Barry Gilbert
Ext. 5930

Roller Skating
Howard Denen
Ext. 2291

Ski
Art Garmendia
Ext. 7819

Stamp
Steve Hoops
Ext. 8586

Tap Dancing
Pat Tropea
Ext. 8091

Tennis
Bob Benoit
Ext. 115-6342

Theatre Guild
Roscoe Mack
Ext. 4657

Toastmaster
Charles Peterson
Ext. 4930

Volleyball
Richard Sailor
Ext. 2797

Wing Nutz
(Model Aviation)
John Sullivan
Ext. 6089

scorecard

Volley up

These Grummanites call themselves the "Hawkeyes" and all they did was spike the best volleyball players Huntington, Long Island, has to offer.

These seven — Paul Chase, Gene Cromwell, Don Daniels, John Hassan, Bob Schmitt, Dave Strickland and Herman Wenz — started playing volleyball together in Recreation's Monday night volleyball league.

Then, since they all live in Huntington, they had a chance to play in the town's league. They finished third.

In the post season tournament they knocked off the two teams that had finished ahead of them.

Congratulations, guys.

Golfers needed

The Grumman Top Flite league is looking for male golfers.

The league plays on Friday evenings at Bethpage State Park. If you are interested in joining, contact Calvin Dear, Ext. 4837 or (516) 221-4742.

Summer at the alleys

Summertime and the bowling is just delightful, if you belong to the Summer League now being formed.

This is a mixed league with handicap and it will hold competition at Woodbury Lanes every Thursday night at 7 p.m. beginning May 27.

To join, call Dan Aquilino, Ext. 4210 or 8270.

It's a racquet

These folks have some racquet. They are the winners of the third annual Grumman Recreation Racquetball tournament, held over the March 27-28 weekend at Royal Racquetball in Selden. Some 70 people participated.

By category the trophy winners are: "A" Singles-John Geremia, runner-up Robert Doctor; "B" Singles-John Perweiler, runner-up Pat Dickinson; "C" Singles-Elliot Blond, runner-up Michael Maglione; Novice Singles-David Carro, runner-up Glenn Weyant; "A" Doubles-William Fehrs and Don Wallace, (no runners-up); "B" Doubles-John Perweiler and Jerry Vanella, runners-up Pat Dickinson and Gavin Masterson; "C" Doubles-Dennis Rivera and Glenn Weyant, runners-up Al Cimino and Art Simendinger.

Presto!

Are you a student of magic? Grumman Recreation is thinking about starting a Magicians' Club. If you are interested, contact George Albright, Ext. 5782.

Perfecto!

On March 20, bowlers at the East Meadow Lanes stopped chopping wood for a spell and walked over to Bob Bradley's lane. Bradley was finishing up his first game in the Newsday handicapped bowling tournament.

"I knew I was making a lot of strikes," says Bradley, who works for Transportation at Calverton, "but I didn't realize that I was going for the perfect game of 300."

Others at the alley suspected differently. "I've been bowling for a long time and I've always dreamed of how I would react to bowling a 300. I thought I'd be really emotional, but I wasn't. I seemed to look right through the people who gathered at my alley."

To the cheers of the audience, Bradley succeeded in attaining his elusive goal of bowling a perfect game. A 185-average bowler, Bradley was a little apprehensive about bowling his next two games. "After rolling a 300, I thought I'd hit a slump." He didn't and finished out the three-game series with a 208 and 227 for a grand total of 735.

He struck out. *Grummanite Bob Bradley recently bowled a perfect game of 300.*

calendar

Aikido Club: every Wed., 5 p.m., Recreation bldg. Beginners class. Guests welcome. M. Brooks, Ext. 115-6171/H. Brondo, Ext. 2719

Alcoholics Anonymous: every Mon., 4:30 p.m., Pl. 15, conference room C, closed meetings; Personnel Relations, Ext. 3521; Calverton: Chemical Dependency Discussion Group, every Mon., 4-5 p.m., Guard Hdq.; open meeting. Personnel, 369-6759, C. Robb, Ext. 117-7038; Great River, every Wednesday, 4:00 p.m., conference room 1, Plant 43; Personnel Relations, Ext 3521.

Amateur Radio Club: every 3rd Wednesday of the month. Plant 5 conference room BD-1, 5 p.m. D. Townes, Ext. 2889

Chess Club: every Fri., 5 to 11 p.m., Recreation bldg. Beginner — Expert. Guests welcome. K. Marley, Ext. 4901/ N. Corso, Ext. 9600

Coin Club: (Calverton) every Fri., noon lunch, Pl. 6 conference room. W. Kondratowicz, Ext. 6680

Dance Club: every Wed., 5-8 p.m., Recreation bldg. Guests welcome. G. Cupolo, Ext. 4155

Fencing Club: every Wed., 4:30-6:00 p.m., Recreation bldg. Free instructions, guests welcome. J. Hayne, Ext. 5556/ P. Chaldaris, Ext. 3638

Folk Dancer's Club: (Calverton) every Thurs., 2nd floor, Pl. 6, lunchtime, Grumman employees only. J. Hamelman, Ext. 117-6835

Karate Club: every Tues. and Thurs., Recreation bldg., beginners 4:30 to 5:30 p.m., advanced 5:30 to 7:00 p.m., black belt instructors, physical and mental development; guests welcome. T. Ortiz, Ext. 4764

Model Railroad Society: every Wed., 7 p.m., Recreation bldg. Regular meeting. Guests welcome. R. Muntz, Ext. 8896

Photography Club: Mon., April 26, Recreation bldg., 5 p.m. Series 35. . . . An Introduction. Guests welcome. D. Burdish, Ext. 9582

Tap Dancing Club: every Mon., Recreation bldg., 4:45 to 5:30. Beginners and guests welcome. P. Tropea, Ext. 8091

Roller Skating Club: every Thurs., Levittown Skating Rink, 7:30 to 11 p.m. Lessons 6:30 to 7:30 p.m. Guests welcome. H. Denen, Ext. 2291

Stamp Club: First three Wed. of every month; 5-6 p.m., Pl. 35 cafeteria; trading sessions and discussions. S. Hoops, Ext. 3926/8586

Table Tennis: every Thurs., Pl. 24, 5 p.m., and every Fri., Recreation bldg., 5 p.m. also every lunchtime. Beginners and guests welcome. B. Fabricant, Ext. 9307

GRUMMAN plane news

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